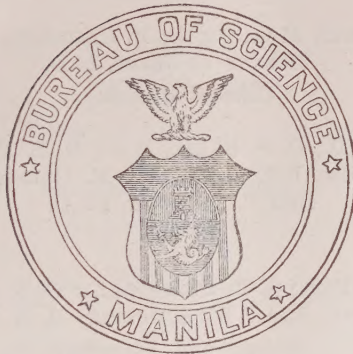


THE PHILIPPINE JOURNAL OF SCIENCE

VOLUME 16

JANUARY TO JUNE, 1920

WITH 61 PLATES AND 35 TEXT FIGURES



MANILA
BUREAU OF PRINTING
1920

171585

EDITORIAL BOARD

ELMER D. MERRILL, M.S., *Editor*

R. C. MCGREGOR, A.B., *Associate Editor*

ALBERT H. WELLS, A.B.; GRANVILLE A. PERKINS, PH.D.; A. P. WEST, PH.D.
T. DAR JUAN, A.B., PHAR.D.; F. AGCAOILI, A.B.

Chemistry and Geology

H. W. WADE, M.D.; OTTO SCHÖBL, M.D.
F. G. HAUGHWOUT; STANTON YOUNGBERG, D.V.M.

Experimental Medicine

LIBORIO GOMEZ, M.D., PH.D.; F. CALDERON, B.A., L.M.
VICENTE DE JESUS, M.D.

Clinical Medicine

W. H. BROWN, PH.D.; C. F. BAKER, M.A.; H. S. YATES, M.S., PH.D.
O. A. REINKING, B.S.A., M.S.; L. M. GUERRERO, PHAR.D.
SAM F. TRELEASE, PH.D.

Botany

C. F. BAKER, M.A.; S. F. LIGHT, M.A.; C. S. BANKS, M.A.
L. D. WHARTON, M.A.; W. SCHULTZE; H. O. BEYER, M.A.

Zoölogy and Ethnology

A. B. BANYEA, *Copy Editor*

CONTENTS

No. 1, January, 1920

[Issued April 20, 1920.]

	Page.
HAUGHWOUT, FRANK G., and HORILLEN, FÉ S. The intestinal animal parasites found in one hundred sick Filipino children.... One text figure.	1
HAUGHWOUT, FRANK G., and YOUNGBERG, STANTON. A trypanosome associated with a fatal disease in the carabao..... Three plates and two text figures.	77
FERNANDEZ, RICARDO. Remote manifestations of focal dental infections, with case reports.....	89
ANGELES, SIXTO DE LOS, and VILLEGAS, ANASTACIA. A case of human synophthalmia Two plates.	99
REVIEW	109

No. 2, February, 1920

[Issued May 29, 1920.]

TAYLOR, EDWARD H. Philippine turtles..... Seven plates.	111
COCKERELL, T. D. A. Some bees from Panay.....	145
FISHER, WILLARD J. Low-sun phenomena in Luzon..... Two text figures.	151
REINKING, OTTO A. Higher Basidiomycetes from the Philippines and their hosts, II.....	167
SANTOS Y ALVAREZ, FRANCISCO O. A biochemical study of copra meal	181
SCHULTZE, W. Eighth contribution to the Coleoptera fauna of the Philippines One colored plate and one black plate.	191
COCKERELL, T. D. A. Supplementary notes on Philippine bees.....	205
REVIEWS	209

No. 3, March, 1920

[Issued June 29, 1920.]

TAYLOR, EDWARD H. Philippine Amphibia..... Ten plates and nine text figures.	213
---	-----

No. 4, April, 1920

[Issued August 5, 1920.]

MCGREGOR, RICHARD C. Some features of the Philippine ornithology with notes on the vegetation in relation to the avifauna.....	Page. 361
Thirty-five plates.	

No. 5, May, 1920

[Issued September 18, 1920.]

HEISE, GEORGE W., and CLEMENTE, AMANDO. Corrosion of iron in sulphuric acid. Effect of chromium compounds.....	439
One text figure.	
MERRILL, ELMER D. On the identity of <i>Aegiphila viburnifolia</i> Jussieu	449
One plate.	
ESPINO, RAFAEL B. Some aspects of the salt requirements of young rice plants.....	455
One plate and nine text figures.	
REINKING, O. A. Higher Basidiomycetes from the Philippines and their hosts, III.....	527

No. 6, June, 1920

[Issued October 15, 1920.]

MERRILL, ELMER D. Notes on Philippine Euphorbiaceae, III.....	539
QUISUMBING, FRANCISCO A. Determination of glucose and starch by the alkaline potassium permanganate method.....	581
Six text figures.	
TRELEASE, SAM F. The growth of rice as related to proportions of fertilizer salts added to soil cultures.....	603
Five text figures.	
COCKERELL, T. D. A. Supplementary notes on the social bees of the Philippine Islands.....	631
HAUGHWOUT, FRANK G.; DOMINGO, ELIAS; and DE LEON, WALFRIDO. Protozoölogic and clinical studies on the treatment of protozoal dysentery with benzyl benzoate. II. Treatment of a case of acute balantidiosis; recovery; death from other causes; failure to find the parasites in the bowel lumen and gut wall at autopsy..	633
REVIEWS	647
ERRATA	649
INDEX	651